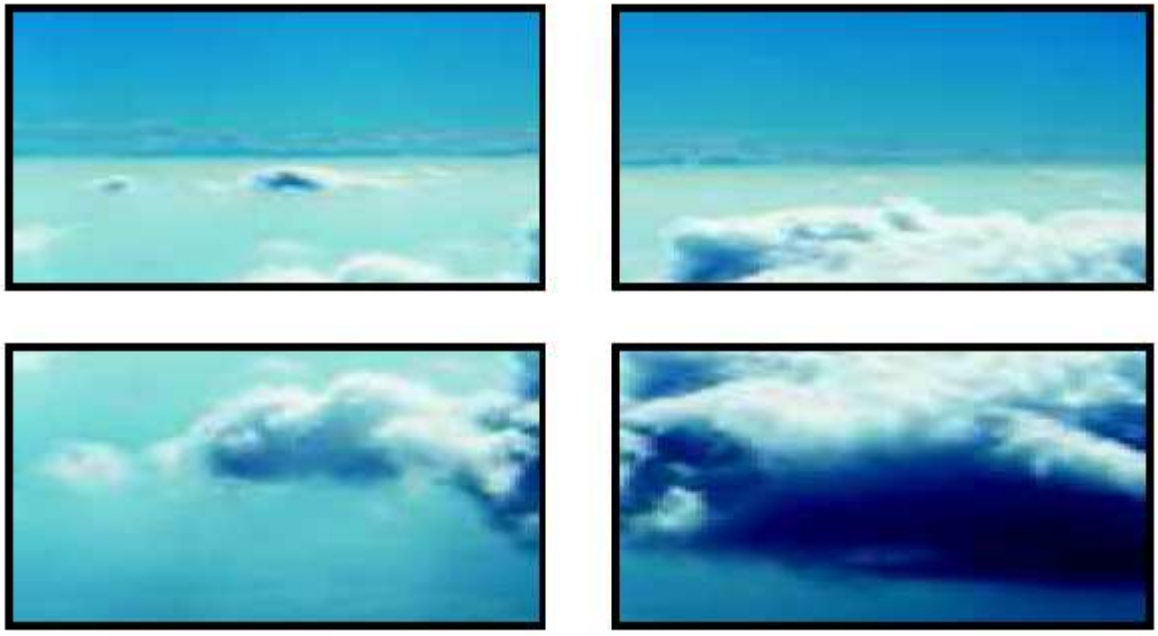
# CAWO Digital Imaging Plates DIGIT AL and DIGIT BL



User Manual

CAWO Solutions

**Cleaning**
At least clean once every month or whenever there is doubt about particles visible on the X ray images.
More frequent cleaning is required in case of excessive dust or under very dry conditions. (The screen cleaner contains antistatic agents which reduce buildup of static charges and dust collection.)

**Permitted cleaning products**
For the CAWO DIGIT AL / BL types use only
***CAWO Imaging Plate Cleaner*** and a soft lint-free cellulose cloth to clean the plate.

**Environmental Protection**
Regulations about waste disposal may differ from one country to another.
Please consult local regulations on the subject matter.
At the end of its life cycle, the imaging plate is considered as industrial waste in most countries.
Consequently it is not allowed to dispose of it as household waste. We recommend to have it hauled away by a licensed company.
When the imaging plate is disposed of through incineration, the nature of the combustion products is dependent on the physical characteristics of the burning process and on the degree of combustion, whereby different gases can be generated, such as e.g. water vapor, carbon dioxide, carbon monoxide and small concentrations of organic and inorganic degradation products.

**Safety Directions**
Imaging plates and cassettes will not cause any special health or safety hazard, if they are used as intended.

**WARNING: Strictly observe all warnings, cautions, notes and safety markings within this document and on the product.**

**WARNING: All CAWO medical products must be used trained and qualified personnel.**

**WARNING: The user is responsible for judging image quality and controlling environmental conditions for diagnostic softcopy or print viewing.**

**WARNING: Follow the hospital quality assurance procedures to avoid errors in the image processing.**

Caution: Changes, additions or maintenance to the CAWO products carried out by persons without appropriate qualification and training as well as using unapproved spare parts may lead to serious risk of injury and damage to the equipment as well as making the warranty void.

**Fire Hazard and Extinguishing Media**
The screen base is made of polyethylene terephthalate and meets the "Safety Film" specifications as described in ISO 18906-2000. Safety film passes the ignition time test when the ignition time is longer than or equals 10 minutes.
It passes the burning time test when the burning time is longer than 45 seconds for a film thickness larger than or equal to 0.08 mm or when the burning time is longer than 30 seconds for a film thickness smaller than 0.08 mm.
The nature of the combustion products depends on the physical characteristics of the burning process and on the degree of combustion, whereby different gases can be generated, such as e.g. water vapor, carbon dioxide, carbon monoxide and small concentrations of organic and inorganic degradation products.
Fire extinguishing media:
• water spray,
• carbon dioxide,
• extinguishing powder,
• foam.

**Precautionary Measures**
Go through the following precautionary measures:
**First use and normal operation**
When using new imaging plates, these need to be manually erased twice before use.
After not having used the imaging plates for 48 hours, they equally need to be manually erased.
Imaging plates should only be used with CR equipment.

**Transport**
Protect the plates from high temperatures during transport - max. 43°C (110°F).
Take the precautions necessary to ensure that the plates remain protected from impact.
Stack a maximum of 5 plates in cardboard packaging one upon the other.

**Storage**
Temperature and humidity levels:
Packaged..... ..... : < 34°C (93°F)
Not packaged .....Temperature..... : 15°C - 34°C (59°F - 93°F)
.....Relative humidity ..... : 30 - 80%
To avoid any deformation, always store the plates horizontally on a flat surface.
Avoid placing any excessive loads on the top of the plate. Store a maximum of 5 plates one on top of the other.
Avoid UV rays or direct sunlight.

**Handling**
The necessary precautions must be taken when handling the plates to avoid scratches or damage. Any damage to the plates, of whatever nature, will be visible in the image.

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